INTERNATIONAL SEARCH REPORT

International application No. PCT/SF 2004/001758

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Telephone No.

PCT/SE 2004/001758 A. CLASSIFICATION OF SUBJECT MATTER IPC7: E21B 21/08, E21B 44/00 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC7: E21B, E21C, E21F Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched SE, DK, FI, NO classes as above Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EPO-INTERNAL, WPI DATA, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X US 6637522 B2 (H.E. WILSON ET AL), 28 October 2003 1-21 (28.10.2003), column 4, line 19 - line 29, figures 1-11, abstract US 4793421 A (R.A. JASINSKI), 27 December 1988 Α 1-21 (27.12.1988), figures 1-6, abstract US 5348106 A (U. MATTERO), 20 Sept 1994 A 1-21 (20.09.1994), figures 1-4, abstract US 5121802 A (R. RAJALA ET AL), 16 June 1992 A 1-21 (16.06.1992), figures 1-2, abstract Further documents are listed in the continuation of Box C. See patent family annex. Special categories of cited documents: later document published after the international filing date or priority document defining the general state of the art which is not considered date and not in conflict with the application but cited to understand the principle or theory underlying the invention to be of particular relevance "E" earlier application or patent but published on or after the international document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive document which may throw doubts on priority claim(s) or which is step when the document is taken alone cited to establish the publication date of another citation or other special reason (as specified) document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is document referring to an oral disclosure, use, exhibition or other combined with one or more other such documents, such combination being obvious to a person skilled in the art document published prior to the international filing date but later than "&" document member of the same patent family the priority date claimed Date of the actual completion of the international search Date of mailing of the international search report 11 7 -03- 2005 28 February 2005 Name and mailing address of the ISA/ Authorized officer Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Ingemar Hedlund / MRo

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